

PATENT

Docket No.: R2184.045/P045

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

jc511 U.S. PTO  
09/263499



In re Patent Application of:  
Tatsuya Fujii

Serial No.: Not Yet Assigned

Filed: March 8, 1999

For: POWER CONTROL APPARATUS  
FOR A BATTERY-POWERED  
COMMUNICATION SYSTEM

Assistant Commissioner for Patents  
Washington, D.C. 20231

INFORMATION DISCLOSURE STATEMENT (IDS)

Dear Sir:

Pursuant to 37 C.F.R. 1.56, the attention of the Patent and Trademark Office is hereby directed to the references listed on the attached PTO-1449. A copy of each reference is attached. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the references be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

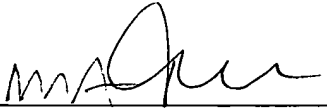
- x   1. This Information Disclosure Statement is being filed within three months of the U.S. filing date OR within three months of the date of entry of the national stage as set forth in 37 C.F.R. 1.491, OR before the mailing date of a first Office Action on the merits, whichever event occurs last. No certification or fee is required. 37 C.F.R. 1.97(b).
2. This Information Disclosure Statement is being filed more than three months after the U.S. filing date, OR more than three months after the date of entry of the national stage, AND after the mailing date of the first Office Action on the merits, whichever occurs first, but before the mailing date of a Final Rejection or Notice of Allowance. 37 C.F.R. 1.97(c).

- \_\_\_\_\_ a. I hereby certify that each item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Information Disclosure Statement. 37 C.F.R. 1.97(e)(1).
- \_\_\_\_\_ b. I hereby certify that no item of information in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application or, to my knowledge after making reasonable inquiry, was known to any individual designated in 37 C.F.R. 1.56(c) more than three months prior to the filing of this Information Disclosure Statement. 37 C.F.R. 1.97(e)(2).
- \_\_\_\_\_ c. Attached is our check in the amount of \_\_\_\_\_ in payment of the fee under 37 C.F.R. 1.17(p). Please charge any fee deficiencies, or credit any overpayment, to Deposit Account No. 04-1073 as needed to ensure consideration of the Information Disclosure Statement. Two duplicate copies of this paper are attached.
- \_\_\_\_\_ 3. This Information Disclosure Statement is being filed more than three months after the U.S. filing date, OR more than three months after the date of entry of the national stage, AND after the mailing date of a Final Rejection or Notice of Allowance, but before payment of the Issue Fee. Applicant(s) hereby petition(s) that the Information Disclosure Statement be considered. Attached is our check in the amount of \_\_\_\_\_ in payment of the petition fee under 37 C.F.R. 1.17(i)(1) consideration of the Information Disclosure Statement. Two duplicate copies of this paper are attached.
- \_\_\_\_\_ a. I hereby certify that each item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Information Disclosure Statement. 37 C.F.R. 1.97(e)(1).
- \_\_\_\_\_ b. I hereby certify that no item of information in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application or, to my knowledge after making reasonable inquiry, was known to any individual designated in 37 C.F.R. 1.56(c) more than three months prior to the filing of this Information Disclosure Statement. 37 C.F.R. 1.97(e)(2).
- \_\_\_\_\_ 4. Translations of the non-English language references are enclosed.
- \_\_\_\_\_ Full
- \_\_\_\_\_ Partial
- \_\_\_\_\_ Summary/abstract

- \_\_\_\_\_ 5. A copy of a foreign application communication from a related foreign application discussing the relevancy of the references is attached.

Dated: March 8, 1999

Respectfully submitted,

By 

Mark J. Thronson

Registration No.: 33,082

DICKSTEIN SHAPIRO MORIN

& OSHINSKY LLP

2101 L Street, NW

Washington, DC 20037-1526

(202) 785-9700

Attorneys for Applicant

## INFORMATION DISCLOSURE STATEMENT

Japanese Laid-Open Patent Application No. 5-088790 discloses a power control system which is adapted to allow a sleep-mode operation of a CPU in which the operation of the CPU is assured and the power of the CPU is turned OFF.

Japanese Laid-Open Patent Application No. 5-265597 discloses a micro-controller which allows a driven circuit to operate at a low voltage in a selected mode. In the micro-controller, a source voltage supplied to the driven circuit is controlled so as to meet one of power consumption reduction, operating speed increase and noise reduction modes.

Japanese Laid-Open Patent Application No. 6-139373 discloses a semiconductor device provided with a switch selectable between a normal power mode and a power saving mode. In the semiconductor device, a voltage supplied to a driven circuit is controlled by setting the switch to select one of the two modes.